

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5218646").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 12:10
S1	29	((("4338024") or ("4393466") or ("4538299") or ("4612614") or ("5343538") or ("5436978") or ("5463548") or ("5625709") or ("5835633") or ("5978497") or ("5987158") or ("5991028") or ("6594586"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 15:01
S2	10	((("4180798") or ("4965725") or ("5828776") or ("5889892") or ("6246785"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 15:03
S3	2	10/716589	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 14:16
S4	4	09/841941	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/10 14:05
S5	18	("4180798" "4338024" "4393466" "4538299" "4612614" "4965725" "5343538" "5436978" "5463548" "5625709" "5828776" "5835633" "5889892" "5978497" "5987158" "5991028" "6246785" "6594586").PN. OR ("6947586").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/08 15:31
S6	321	(382/156).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 14:17

EAST Search History

S7	524	(382/133).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 14:17
S8	6	S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 14:33
S9	1	60/427470	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 15:08
S10	18	("4180798" "4338024" "4393466" "4538299" "4612614" "4965725" "5343538" "5436978" "5463548" "5625709" "5828776" "5835633" "5889892" "5978497" "5987158" "5991028" "6246785" "6594586").PN. OR ("6947586").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/09 15:07
S11	9	Chapoulaud-Eric.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 16:44
S12	21	Kasdan-Harvey-L.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 15:09
S13	4	Castleman-Kenneth-R.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 15:09

EAST Search History

S14	1	Good-Kenneth-N.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 15:11
S15	321	(382/156).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:15
S16	2855	(382/154-161).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:58
S17	944	(382/224).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:15
S18	914	(382/203).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:15
S19	160	(128/925).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 16:10
S20	2	("4965725").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:24
S21	2	10/716589	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 15:24

EAST Search History

S22	14	S7 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 15:59
S23	1378	(382/190).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 16:10
S24	172	S23 and (cell or (biological near (agents or particle)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 16:59
S25	4	09/841941	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 16:56
S26	116	"4338024"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 16:57
S27	4	"4338024".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 16:59
S28	1713330	(cell or (biological near (agents or particle)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 16:59
S29	11428	(cell or (biological near (agents or particle))) with (classif\$6 or recognition)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 17:00

EAST Search History

S30	13	(cell or (biological near (agents or particle))) with (classif\$6 or recognition) same group same sub\$1group	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 17:01
S31	13	(cell or (biological near (agent or particle))) with (classif\$6 or recognition) same group same sub\$1group	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 17:02
S32	124	(cell or (biological near (agent or particle))) with (classif\$6 or Recognit\$4 or ident\$6) same group same sub\$1group	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 17:03
S33	632	(382/149).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 17:22
S34	1474	(382/224-226).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 17:23
S35	524	(382/133).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 17:26
S36	30	S34 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 17:59
S37	211	S34 and ((sub\$1group or sub\$1set) same (group or set))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 18:01
S38	0	("2006/0222221").URPN.	USPAT	AND	OFF	2007/01/10 18:01

EAST Search History

S39	8	(("6757412") or ("6266435") or ("6477262") or ("6574357")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 18:03
S40	2	("5260871").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 18:03

[File 2] **INSPEC** 1898-2007/Dec W4

(c) 2007 Institution of Electrical Engineers. All rights reserved.

**File 2: UD200612W3 is the last update for 2006. UD200701W1 will be the next update. The file is complete.*

[File 5] **Biosis Previews(R)** 1969-2007/Jan W2

(c) 2007 The Thomson Corporation. All rights reserved.

[File 6] **NTIS** 1964-2007/Jan W2

(c) 2007 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

[File 8] **Ei Compendex(R)** 1970-2007/Jan W1

(c) 2007 Elsevier Eng. Info. Inc. All rights reserved.

**File 8: The file has been reprocessed and accession numbers have changed. See HELP NEWS988 for details.*

[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Jan W2

(c) 2007 The Thomson Corp. All rights reserved.

[File 35] **Dissertation Abs Online** 1861-2006/Nov

(c) 2006 ProQuest Info&Learning. All rights reserved.

[File 65] **Inside Conferences** 1993-2007/Jan 18

(c) 2007 BLDSC all rts. reserv. All rights reserved.

[File 71] **ELSEVIER BIOBASE** 1994-2007/Jan W2

(c) 2007 Elsevier B.V. All rights reserved.

[File 73] **EMBASE** 1974-2007/Jan 17

(c) 2007 Elsevier B.V. All rights reserved.

**File 73: Elsevier will not provide an update to Embase on . January 1, 2007.*

[File 94] **JICST-EPlus** 1985-2007/Jan W2

(c) 2007 Japan Science and Tech Corp(JST). All rights reserved.

**File 94: UD200609W2 is the last update for 2006. UD200701W1 is the first update for 2007. The file is complete and up to date.*

[File 95] **TEME-Technology & Management** 1989-2007/Jan W2

(c) 2007 FIZ TECHNIK. All rights reserved.

[File 98] **General Sci Abs** 1984-2007/Jan

(c) 2007 The HW Wilson Co. All rights reserved.

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Dec

(c) 2007 The HW Wilson Co. All rights reserved.

[File 136] **BioEngineering Abstracts** 1966-2006/Oct

(c) 2006 CSA. All rights reserved.

[File 143] **Biol. & Agric. Index** 1983-2007/Dec

(c) 2007 The HW Wilson Co. All rights reserved.

[File 144] **Pascal** 1973-2007/Dec W2

(c) 2007 INIST/CNRS. All rights reserved.

[File 155] **MEDLINE(R)** 1950-2006/Dec 16

(c) format only 2006 Dialog. All rights reserved.

**File 155: MEDLINE has temporarily stopped updating with UD=20061206. Please see HELP NEWS154 for details.*

[File 172] **EMBASE Alert** 2007/Jan 18

(c) 2007 Elsevier B.V. All rights reserved.

[File 188] **Health Devices Sourcebook** 2004

ECRI (A nonprofit agency). All rights reserved.

[File 198] **Health Devices Alerts(R)** 1977-2006/Oct W2

(c) 2006 ECRI-nonprft agncy. All rights reserved.

[File 239] Mathsci 1940-2007/Feb.
(c) 2007 American Mathematical Society. All rights reserved.

[File 434] SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp. All rights reserved.

[File 583] Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group. All rights reserved.

**File 583: This file is no longer updating as of 12-13-2002.*

[File 603] Newspaper Abstracts 1984-1988
(c)2001 ProQuest Info&Learning. All rights reserved.
**File 603: This is a closed file.*

[File 483] Newspaper Abs Daily 1986-2007/Jan 18
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 248] PIRA 1975-2007/Dec W4
(c) 2007 Pira International. All rights reserved.

Set	Items	Description
S1	12847432	S IMAG? OR URIN? OR ANALYTE OR SAMPL? OR PICTURE??
S2	662600	S (DIVID?? OR DIVISION OR SEPARAT? OR TILE?? OR TILING OR PORTION?? OR PART? OR DISTINCT OR PIECE?? OR SEGMENT??? OR SPLIT??? OR BREAK???? OR SUB()DIVID??? OR ELEMENT?? OR SEGRAGAT??? OR PLURAL? OR MANY OR NUMEROUS OR SEVERAL OR MANY OR MULTI OR MULTIPLE) (3N) S1
S3	183963	S (EXTRACT??? OR REMOV?? OR SELECT??? OR MINE?? OR MINING) (3N) (GROUP OR SUB()GROUP OR PART?? OR PORTION OR SECTION?? OR S2)
S4	193913	S (DETERMIN??? OR PRODUCE OR GENERAT??? OR COMPUTE OR COMPUTES) (3N) (CLASS?? OR CLASSIF? OR CATEGORY? OR CATEGORI? OR LABEL? OR GENUS OR SPECY OR SPECIES)
S5	239	(BY())PASS??? OR SKIP??? OR PREVENT?? OR STOP? OR ?NOT?) (3N) S4 FROM 2, 5, 6, 8, 34, 35, 65, 71, 73, 94, 95, 98, 99, 136, 143, 144, 155, 172, 188, 198, 239, 434, 583, 603, 483, 248
S6	769	S AU=(CHAPOULAUD, E? OR CHAPOULAUD E? OR KASDAN, H? OR KASDAN H? OR CASTLEMAN, K? OR CASTLEMAN K? OR GOOD, K? OR GOOD K?)
S7	643937	S TRAIN?? (3N) ALGORITHM?? OR NEURAL()NETWORK?? OR FUZZY()LOGIC OR EXPERT()SYSTEM
S8	32	S S3(3N) (S4 OR S5)
S9	19	RD (unique items)
S10	16	S S9 NOT PY>2003
S11	114	S S3(3N) S7
S12	78	RD (unique items)
S13	4	S S12(S) S4
S14	4	S S13 NOT S10
S15	0	S S12(3N) S5
S16	0	S S12(S) S5
S17	0	S S11 AND S6
S18	2	S S3 AND S6
S19	2	S S18 NOT (S10 OR S13)
S20	1	S S19 NOT MAIL

10/3,K/1 (Item 1 from file: 2) [Links](#)

Fulltext available through: [ScienceDirect \(Elsevier\)](#) [USPTO Full Text Retrieval Options](#) [SCIENCEDIRECT](#)
INSPEC

(c) 2007 Institution of Electrical Engineers. All rights reserved.

08642540 **INSPEC Abstract Number:** C2003-07-7330-059

Title: A multiple classifier system for early melanoma diagnosis

Author Sboner, A.; Eccher, C.; Blanzieri, E.; Bauer, P.; Cristofolini, M.; Zumiani, G.; Forti, S.

Author Affiliation: Centre for Sci. & Technol. Res., ITC-irst, Trento, Italy

Journal: Artificial Intelligence in Medicine vol.27, no.1 p. 29-44

Publisher: Elsevier ,

Publication Date: Jan. 2003 **Country of Publication:** Netherlands

CODEN: AIMEEW **ISSN:** 0933-3657

SICI: 0933-3657(200301)27:1L;29:MCSE;1-K

Material Identity Number: O520-2003-001

U.S. Copyright Clearance Center Code: 0933-3657/03/\$30.00

Language: English

Subfile: C

Copyright 2003, IEE

Abstract: ...and a decision tree, the inputs of which are 38 geometric and colorimetric features automatically extracted from digital images of skin lesions. Multiple classifiers were generated by combining the diagnostic outputs of single classifiers with appropriate voting schemata. This approach was...

10/3,K/2 (Item 2 from file: 2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [SCIENCEDIRECT](#)
INSPEC

(c) 2007 Institution of Electrical Engineers. All rights reserved.

02485938 **INSPEC Abstract Number:** A80035583

Title: Triple quadrupole mass spectrometry for direct mixture analysis and structure elucidation

Author Yost, R.A.; Enke, C.G.

Author Affiliation: Dept. of Chem., Univ. of Florida, Gainesville, FL, USA

Journal: Analytical Chemistry vol.51, no.12 p. 1251A-2, 1256, 1258, 1260, 1262, 1264

Publication Date: Oct. 1979 **Country of Publication:** USA

CODEN: ANCHAM **ISSN:** 0003-2700

Language: English

Subfile: A

Abstract: ...for separation and identification in a single instrument. In this technique (MS/MS), several ionic species are generated from a sample; ions of a particular mass are selected for fragmentation; the selected ions are fragmented by one of several possible techniques; and the...

10/3,K/3 (Item 1 from file: 5) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [SCIENCEDIRECT](#)
Biosis Previews(R)

(c) 2007 The Thomson Corporation. All rights reserved.

0014380952 **Biosis No.:** 200300337695

Fuelwood characteristics of six indigenous wood species from the Eastern Black Sea region.

Author: Demirbas Ayhan (Reprint)

Author Address: P. K. 216, Trabzon, Turkey**Turkey

Author E-mail Address: ayhandemirbas@hotmail.com

Journal: Energy Sources 25 (4): p 309-316 April 2003 2003

Medium: print

ISSN: 0090-8312 (ISSN print)

Document Type: Article

Record Type: Abstract

Language: English

Abstract: Various fuel characteristics, such as moisture, ash, lignin, holocellulose, and extractive contents of different parts of

these species, were determined on an ash-free dry weight and extractive-free dry weight basis to find the...

10/3,K/4 (Item 2 from file: 5) [Links](#)

Fulltext available through: [American Chemical Society](#) [USPTO Full Text Retrieval Options](#) [SCIENCEDIRECT](#)
Biosis Previews(R)

(c) 2007 The Thomson Corporation. All rights reserved.

0013230620 Biosis No.: 200100402459

Generation of class-selective monoclonal antibodies against the penicillin group

Author: Cliquet P (Reprint); Cox E; Van Dorpe C; Schacht E; Goddeeris B M

Author Address: Laboratory of Veterinary Immunology, Faculty of Veterinary Medicine, University of Ghent, Salisburylaan 133, B-9820, Merelbeke, Belgium**Belgium

Journal: Journal of Agricultural and Food Chemistry 49 (7): p 3349-3355 July, 2001 2001

Medium: print

ISSN: 0021-8561

Document Type: Article

Record Type: Abstract

Language: English

Descriptors:

Chemicals & Biochemicals: ...analysis, applications, generation, penicillin group class-selective;

10/3,K/5 (Item 3 from file: 5) [Links](#)

Fulltext available through: [ScienceDirect \(Elsevier\)](#) [USPTO Full Text Retrieval Options](#) [SCIENCEDIRECT](#)
Biosis Previews(R)

(c) 2007 The Thomson Corporation. All rights reserved.

0013017230 Biosis No.: 200100189069

Fuelwood characteristics of some indigenous woody species of north-east India

Author: Kataki Rupam; Konwer Dolon (Reprint)

Author Address: Department of Energy, Tezpur University, Napaam, Tezpur, 784 028, India** India

Journal: Biomass and Bioenergy 20 (1): p 17-23 2001 2001

Medium: print

ISSN: 0961-9534

Document Type: Article

Record Type: Abstract

Language: English

Abstract: ...ash content, density, solubility in cold water, hot water and alkali, cellulose, holocellulose, lignin and extractive contents of different parts of these species were determined on ash-free dry weight and extractive-free dry weight basis to find out relationship...

10/3,K/6 (Item 1 from file: 6) [Links](#)

Fulltext available through: [Check for PDF Download Availability and Purchase](#)
NTIS

(c) 2007 NTIS, Intl Cpyrght All Rights Res. All rights reserved.0856304 NTIS Accession Number: AD-A089 824/7/XAB

Selected Ion Fragmentation with a Triple Quadrupole Mass Spectrometer

(Doctoral thesis)

Yost, R. A. ; Enke, C. G.

Michigan State Univ., East Lansing. Dept. of Chemistry.

Corporate Source Codes: 004674021; 268563

Report Number: TR-5

19 Sep 80 110p

Language: English **Document Type:** Thesis

Journal Announcement: GRAI8103

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A06/MF A01

...direct analysis of mixtures and the elucidation of molecular structures. In the TOMS, several ionic species are generated from a sample, ions of a particular mass are selected for fragmentation, and the resulting fragment ions are mass analyzed. The

instrument consists of, in...

10/3,K/7 (Item 2 from file: 6) [Links](#)

Fulltext available through: [Check for PDF Download Availability and Purchase](#)

NTIS

(c) 2007 NTIS, Intl Cpyrght All Rights Res. All rights reserved.0737719 NTIS Accession Number: AD-A061 575/7/XAB

Differential Validity of the Army Aptitude Areas for Predicting Army Job Training Performance of Blacks and Whites
(Technical paper)

Maler, M. H. ; Fuchs, E. F.

Army Research Inst for the Behavioral and Social Sciences Alexandria VA

Corporate Source Codes: 408010

Report Number: ARI-TP-312

Sep 78 26p

Language: English

Journal Announcement: GRAI7906

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

Aptitude area scores of the Army Classification Battery (ACB) are part of the Army selection and classification procedure to determine which applicants for enlistment are accepted and which Army job training programs are open to...

10/3,K/8 (Item 1 from file: 8) [Links](#)

Fulltext available through: [SPIE - The International Society of Optical Engineering](#) [USPTO Full Text Retrieval Options](#)
[SCIENCEDIRECT](#)

Ei Compendex(R)

(c) 2007 Elsevier Eng. Info. Inc. All rights reserved.

08289238 E.I. No: EIP99054680597

Title: Aircraft engine blade cooling holes detection and classification from infrared images

Author: Rosemau, Robert D.; Nawaz, Sal; Niu, A.; Wee, William G.

Corporate Source: Univ of Cincinnati, Cincinnati, OH, USA

Conference Title: Proceedings of 1999 Nondestructive Evaluation of Aging Aircraft, Airports, and Aerospace Hardware III

Conference Location: Newport Beach, CA, USA **Conference Date:** 19990303-19990305

E.I. Conference No.: 55072

Source: Proceedings of SPIE - The International Society for Optical Engineering v 3586 1999. p 85-93

Publication Year: 1999

CODEN: PSISDG **ISSN:** 0277-786X

Language: English

Abstract: ...a function of time during the same period. Image data features for the holes were extracted from the images and applied to several classifiers to determine an optimal classification method. Different data sets and/or combinations of features for both training and testing sets...

10/3,K/9 (Item 2 from file: 8) [Links](#)

Ei Compendex(R)

(c) 2007 Elsevier Eng. Info. Inc. All rights reserved.

03752119 E.I. Monthly No: EI7810076255 E.I. Yearly No: EI78059462

Title: ADSORPTION OF NON-IONIC AND ANIONIC SURFACTANTS ON SANDSTONE AND CARBONATE.

Author: Lawson, J. B.

Corporate Source: Shell Dev Co

Source: Proc SPE Symp Improv Oil Recovery 5th, Tulsa, Okla, Apr 16-19 1978. Publ by AIME, New York, NY, 1978 SPE 7052 p 159-170

Publication Year: 1978

CODEN: SSIPD6

Language: ENGLISH

Abstract: ...goal of work presented here was to determine levels of adsorption on rock of a selected group of surfactants, to determine which molecular species are preferentially adsorbed, and to study some of the factors affecting adsorption, e. g. , ionic...

10/3,K/10 (Item 1 from file: 35) [Links](#)

Dissertation Abs Online

(c) 2006 ProQuest Info&Learning. All rights reserved.

01838077 ORDER NO: AADAA-I3016374

Multi-resolution image analysis and classification for improving urban land use/cover mapping using high-resolution imagery

Author: Chen, DongMei

Degree: Ph.D.

Year: 2001

Corporate Source/Institution: University of California, Santa Barbara (0035)

Source: Volume 6206A of Dissertations Abstracts International.

PAGE 2203 . 238 PAGES

ISBN: 0-493-27042-6

...framework to select and integrate the suitable information from different resolutions and analytical techniques into classification routines. By generating multi-resolution image representations, extracting and combining texture features, defining window sizes, using different training strategies, and evaluating classification errors...

10/3,K/11 (Item 2 from file: 35) [Links](#)

Dissertation Abs Online

(c) 2006 ProQuest Info&Learning. All rights reserved.

01389605 ORDER NO: AAD94-33746

A CONNECTIONIST APPROACH TO DATABASE MINING IN THE COMPUTATION OF GROUP JOB CLASSIFICATIONS AND TASK CLUSTERS FROM OCCUPATIONAL SURVEY DATA

Author: DARE, RUTH SUE

Degree: PH.D.

Year: 1994

Corporate Source/Institution: UNIVERSITY OF MISSOURI - ROLLA (0135)

Source: Volume 5508B of Dissertations Abstracts International.

PAGE 3407 . 141 PAGES

This study examines the use of various connectionist models for performing database mining to compute group job classifications and task clusters of occupational survey data obtained by the U.S. Army from soldiers...

10/3,K/12 (Item 3 from file: 35) [Links](#)

Dissertation Abs Online

(c) 2006 ProQuest Info&Learning. All rights reserved.

843147 ORDER NO: AAD84-11005

A COMPARISON OF VALUES AND SELECTED CHARACTERISTICS OF SCHOOL BOARD MEMBERS AND SUPERINTENDENTS IN THE STATE OF NEW JERSEY

Author: VOTTO, FRANK T.

Degree: ED.D.

Year: 1983

Corporate Source/Institution: RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK) (0190)

Source: Volume 4502A of Dissertations Abstracts International.

PAGE 375 . 124 PAGES

...was determined by a stratified sampling plan based on student populations. The number of randomly selected districts in each group was determined by computing each classification 's percentage ratio of all districts in the state and multiplying it by 75. The...

10/3,K/13 (Item 1 from file: 94) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [SCIENCEDIRECT](#)

JICST-EPlus

(c)2007 Japan Science and Tech Corp(JST). All rights reserved.

00595992 JICST Accession Number: 88A0241204 File Segment: JICST-E

Water recovery and changes in water quality in land application of domestic wastewater.

ITOYAMA TOU-ICHI (1)

(1) Kagawa Univ., Faculty of Education

Suishitsu Odaku Kenkyu, Nippon Mizu Kankyo Gakkai (Japan Journal of Water Pollution Research), 1988, VOL.11, NO.3, PAGE.178-187, FIG.8, TBL.3, REF.12

Journal Number: Z0777AAQ ISSN: 0387-2025

Universal Decimal Classification: 628.38/.39

Language: Japanese Country of Publication: Japan

Document Type: Journal

Article Type: Original paper

Media Type: Printed Publication

Abstract: ...in water quality during a penetration through soil layers in aerobic conditions or estimation on **removed portion** for each **species** was **determined**. The chemical composition of descending effluent was found to vary with modes of spraying. The...

10/3,K/14 (Item 1 from file: 99) [Links](#).

Fulltext available through: [Institute of Electrical and Electronics Engineers](#) [USPTO Full Text Retrieval Options](#)
[SCIENCEDIRECT](#)

Wilson Appl. Sci & Tech Abs

(c) 2007 The HW Wilson Co. All rights reserved.

2453670 H.W. Wilson Record Number: BAST02110583

Learn++: an incremental learning algorithm for supervised neural networks

Polikar, Robi; Udpa, Lalita; Udpa, Satish S

IEEE Transactions on Systems, Man, and Cybernetics. Part C, Applications and Reviews v. 31 no4 (Nov. 2001) p. 497-508

Document Type: Feature Article ISSN: 1094-6977

Abstract: ...at the same time, it does not forget previously acquired knowledge. Learn++ uses ensemble of **classifiers** by **generating multiple** hypotheses using **sample** training data **selected** using tailored distributions. A weighted majority voting system is used to combine the classifier outputs...

10/3,K/15 (Item 1 from file: 144) [Links](#)

Pascal

(c) 2007 INIST/CNRS. All rights reserved.

13352613 PASCAL No.: 98-0079935

Real-time recognition of hand alphabet gestures using principal Component Analysis

SCIA'97 : 10th Scandinavian conference on image analysis : Lappeeranta, June 9-11, 1997

BIRK H; MOESLUND T B; MADSEN C B

FRYDRYCH Michael, ed; PARKKINENE Jussi, ed; VISA Ari, ed

Aalborg University, Laboratory of Image Analysis, Fredrik-Bajersvej 7, Building D-1, 9220 Aalborg East, Denmark

Scandinavian conference on image analysis, 10 (Lappeeranta FIN)

1997-06-09

1997 261-268

Publisher: Pattern Recognition Society, Lappeeranta

Language: English

Copyright (c) 1998 INIST-CNRS. All rights reserved.

... clusters. The system is divided into two parts: an off-line and an on-line **part**. The feature **selection** and **generation** of a **classifier** is performed off-line. On-line the obtained features and the classifier are used to...

10/3,K/16 (Item 2 from file: 144) [Links](#)
Pascal
(c) 2007 INIST/CNRS. All rights reserved.

11496947 PASCAL No.: 94-0336885

Anionic products of the two-electron reduction of aromatic nitriles in liquid ammonia

BILKIS I I; VAGANOVA T A; PANTELEEVA E V; SALNIKOV G E;
TANANAKIN A P; MAMATYUK V I; SHTEINGARTS V D
Russian acad. sci., inst. organic chemistry, Siberian div., Novosibirsk
630090, Russian Federation
Journal: Journal of physical organic chemistry,
1994, 7 (3)
153-161
Language: English

... protonating agent, methanol. According to SUP 1 SUP 3 C NMR spectral data of the **generated species**, the **cyano group** **extracts** the negative charge from the pi-electronic system: ca 0.20:0.25 e in...

14/3,K/1 (Item 1 from file: 2) [Links](#)

Fulltext available through: [SPIE - The International Society of Optical Engineering](#) [USPTO Full Text Retrieval Options](#)
[SCIENCEDIRECT](#)
INSPEC

(c) 2007 Institution of Electrical Engineers. All rights reserved.

07048862 INSPEC Abstract Number: B9811-6140C-428, C9811-5260B-273

Title: Automatic target recognition using a feature-decomposition and data-decomposition modular neural network

Author Lin-Cheng Wang; Der, S.; Nasrabadi, N.M.

Author Affiliation: AMSRL-SE-SE, US Army Res. Lab., Adelphi, MD, USA

Journal: Proceedings of the SPIE - The International Society for Optical Engineering **Conference Title:** Proc. SPIE - Int. Soc. Opt. Eng. (USA) vol.3307 p. 2-13

Publisher: SPIE-Int. Soc. Opt. Eng.

Publication Date: 1998 **Country of Publication:** USA

CODEN: PSISDG **ISSN:** 0277-786X

SICI: 0277-786X(1998)3307L:2:ATRU;1-N

Material Identity Number: C574-98099

U.S. Copyright Clearance Center Code: 0277-786X/98/\$10.00

Conference Title: Applications of Artificial Neural Networks in Image Processing III

Conference Sponsor: SPIE; Soc. Imaging Sci. & Technol

Conference Date: 26-27 Jan. 1998 **Conference Location:** San Jose, CA, USA

Language: English

Subfile: B C

Copyright 1998, IEEE

Abstract: ...recognition (ATR) using forward-looking infrared (FLIR) imagery. The classifier consists of several independently trained **neural networks** operating on features **extracted** from a local **portion** of a target **image**. The classification decisions of the individual networks are combined to **determine** the final **classification**. Experiments show that decomposition of the input features results in performance superior to a fully...

14/3,K/2 (Item 1 from file: 6) [Links](#)

Fulltext available through: [Check for PDF Download Availability and Purchase](#)

NTIS

(c) 2007 NTIS, Intl Cpyrght All Rights Res. All rights reserved.2080845 **NTIS Accession Number:** AD-A345 009/5/XAB

Automatic Target Recognition Using a Modular Neural Network

(Progress rept. Jun 97)

Wang, L. C. ; Der, S. ; Nasrabadi, N. M.

Army Research Lab., Adelphi, MD.

Corporate Source Codes: 105485000; 424778

Report Number: ARL-TR-1659

May 98 41p

Language: English

Journal Announcement: GRAI9818

Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A04/MF A01

...of targets in forward-looking infrared (FLIR) imagery. The classifier consists of several independently trained **neural networks** operating on features **extracted** from a local **portion** of a target **image**. The classification decisions of the individual networks are combined to **determine** the final **classification**. Experiments show that decomposition of the input features results in performance superior to a fully...

14/3,K/3 (Item 1 from file: 8) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [SCIENCEDIRECT](#)

Ei Compendex(R)

(c) 2007 Elsevier Eng. Info. Inc. All rights reserved.

09148281 E.I. No: EIP02397113333

Title: Atomic target recognition using a feature-decomposition and data-decomposition modular neural network

Author: Wang, Lin-Cheng; Der, Sandor; Nasrabadi, Nasser M.

Corporate Source: US Army Research Laboratory AMSRL-SE-SE, Adelphi, MD 20783, United States

Conference Title: Applications of Artificial Neural Networks in Image Processing III

Conference Location: San Jose, CA, United States **Conference Date:** 19980126-19980127

E.I. Conference No.: 59748

Source: Proceedings of SPIE - The International Society for Optical Engineering v 3307 1998. p 2-13

Publication Year: 1998

CODEN: PSISDG **ISSN:** 0277-786X

Language: English

Abstract: ...recognition (ATR) using forward-looking infrared (FLIR) imagery. The classifier consists of several independently trained **neural networks** operating on features **extracted** from a local **portion** of a target **image**. The classification decisions of the individual networks are combined to **determine** the final **classification**. Experiments show that decomposition of the input features results in performance superior to a fully...

14/3,K/4 (Item 1 from file: 34) [Links](#)

Fulltext available through: [ScienceDirect \(Elsevier\)](#) [USPTO Full Text Retrieval Options](#) [SCIENCEDIRECT](#)

SciSearch(R) Cited Ref Sci

(c) 2007 The Thomson Corp. All rights reserved.

03331361 **Genuine Article#:** BA56F **No. References:** 13

MACHINE VISION MONITORING OF PLANT HEALTH

Author: HETZRONI A; MILES GE; ENGEL BA; HAMMER PA; LATIN RX

Corporate Source: PURDUE UNIV,DEPT AGR ENGN/W LAFAYETTE//IN/47907; PURDUE UNIV,DEPT HORT/W

LAFAYETTE//IN/47907; PURDUE UNIV,DEPT BOT & PLANT PATHOL/W LAFAYETTE//IN/47907

Journal: ADVANCES IN SPACE RESEARCH, 1994, V 14, N11, P 203-212

ISSN: 0273-1177

Language: ENGLISH **Document Type:** REVIEW (Abstract Available)

Abstract: ...size and color properties have been investigated, temporal, spectral and spatial variation of leaves were **extracted** from the **segmented images**. **Neural network** and statistical **classifiers** were used to **determine** plant condition. 20/3,K/1 (Item 1 from file: 73) [Links](#)

Fulltext available through: [Oxford University Press](#) [USPTO Full Text Retrieval Options](#) [SCIENCEDIRECT](#)

EMBASE

(c) 2007 Elsevier B.V. All rights reserved.

11880359 **EMBASE No:** 2002452425

Strategies for automated fetal cell screening

Merchant F.A.; Castleman K.R.

F.A. Merchant, Advanced Digital Imaging Research, LLC, 2450 South Shore Blvd., League City, TX 77573 United States

Author Email: merchant@adires.com

Human Reproduction Update (HUM. REPROD. UPDATE) (United Kingdom) 2002 , 8/6 (509-521)

CODEN: HRUPF **ISSN:** 1355-4786

Document Type: Journal ; Review

Language: ENGLISH **Summary Language:** ENGLISH

Number Of References: 54

Merchant F.A.; Castleman K.R.

MEDICAL DESCRIPTORS:

automation; sex determination; aneuploidy--diagnosis--di; maternal blood; cell count; sensitivity and specificity; cell **selection**; cell **separation**; flow cytometry; **image** cytometry; microscopy; immunocytochemistry; fluorescence microscopy; sex chromosome; fluorescence in situ hybridization; erythrocyte; medical instrumentation; filter.

[File 344] **Chinese Patents Abs** Jan 1985-2006/Jan
(c) 2006 European Patent Office. All rights reserved.

[File 347] **JAPIO** Dec 1976-2006/Sep(Updated 061230)
(c) 2007 JPO & JAPIO. All rights reserved.

[File 350] **Derwent WPIX** 1963-2006/UD=200704
(c) 2007 The Thomson Corporation. All rights reserved.

**File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit
<http://www.dialog.com/dwpi/>.*

[File 371] **French Patents** 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv. All rights reserved.

**File 371: This file is not currently updating. The last update is 200209.*

Set	Items	Description
S1	2258102	S IMAG? OR URIN? OR ANALYTE OR SAMPL? OR PICTURE??
S2	410608	S (DIVID?? OR DIVISION OR SEPARAT? OR TILE?? OR TILING OR PORTION?? OR PART? OR DISTINCT OR PIECE?? OR SEGMENT??? OR SPLIT??? OR BREAK???? OR SUB()DIVID??? OR ELEMENT?? OR SEGRAGAT??? OR PLURAL? OR MANY OR NUMEROUS OR SEVERAL OR MANY OR MULTI OR MULTIPLE) (3N) S1
S3	438900	S (EXTRACT??? OR REMOV?? OR SELECT??? OR MINE?? OR MINING) (3N) (GROUP OR SUB()GROUP OR PART?? OR PORTION OR SECTION?? OR S2)
S4	17388	S (DETERMIN??? OR PRODUCE OR GENERAT??? OR COMPUTE OR COMPUTES) (3N) (CLASS?? OR CLASSIF? OR CATEGORY? OR CATEGORI? OR LABEL? OR GENUS OR SPECY OR SPECIES)
S5	73	(BY())PASS??? OR SKIP??? OR PREVENT?? OR STOP? OR ?NOT?) (3N) S4 FROM 344, 347, 350, 371
S6	45	S AU=(CHAPOULAUD, E? OR CHAPOULAUD E? OR KASDAN, H? OR KASDAN H? OR CASTLEMAN, K? OR CASTLEMAN K? OR GOOD, K? OR GOOD K?)
S7	14119	S TRAIN?? (3N)ALGORITHM?? OR NEURAL()NETWORK?? OR FUZZY()LOGIC OR EXPERT()SYSTEM
S8	46	S S3 (3N) (S4 OR S5)
S9	5	S S8 AND IC=G06K?
S10	46	S S3 (3N) S7
S11	9	S S10 AND IC=G06K?
S12	9	S S11 NOT S9
S13	2	S (S8 OR S10) AND S6
S14	1	S S13 NOT (S9 OR S12)

9/3,K/1 (Item 1 from file: 347) [Links](#)

JAPIO

(c) 2007 JPO & JAPIO. All rights reserved.

04089775 ****Image available****

CHARACTER AREA EXTRACTING METHOD

Pub. No.: 05-081475 [JP 5081475 A]

Published: April 02, 1993 (19930402)

Inventor: SAITO TAKASHI

Applicant: RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)

Application No.: 03-329956 [JP 91329956]

Filed: November 19, 1991 (19911119)

Journal: Section: P, Section No. 1586, Vol. 17, No. 422, Pg. 70, August 05, 1993 (19930805)

International Class: G06K-009/20

ABSTRACT

...data generation part 104 generates run-length data from the reduced image and a block generation and classification part 105 extracts a block by performing a defocusing process for the run-length data and classifies the...

9/3,K/2 (Item 2 from file: 347) [Links](#)

JAPIO

(c) 2007 JPO & JAPIO. All rights reserved.

04044214 ****Image available****

PICTURE INCLINATION DETECTION METHOD

Pub. No.: 05-035914 [JP 5035914 A]

Published: February 12, 1993 (19930212)

Inventor: SAITO TAKASHI

Applicant: RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)

Application No.: 03-329955 [JP 91329955]

Filed: November 19, 1991 (19911119)

Journal: Section: P, Section No. 1560, Vol. 17, No. 326, Pg. 151, June 21, 1993 (19930621)

International Class: G06K-009/32

ABSTRACT

...input picture, the input picture is reduced in a picture reduction part 102. A block generation/classification part 103 extracts blocks by performing a gradation processing in the character string direction of the reduced picture... ..defined areas and character string candidate area from the sizes of the blocks. The block generation/classification part 103 selects areas where the lateral lengths are more than three times as the vertical lengths in...

9/3/3 (Item 1 from file: 350) [Links](#)

Derwent WPIX

(c) 2007 The Thomson Corporation. All rights reserved.

0015819344 *Drawing available*

WPI Acc no: 2006-375212/200639

XRPX Acc No: N2006-316760

Character recognition method in computer, involves recognizing character extracted from character group of input image as unknown character, when extracted character is not recognized as handwritten or printed characters

Patent Assignee: TOSHIBA IT SOLUTION KK (TOSH-N)

Inventor: SUZUKI T

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2006107534	A	20060420	JP 2002256913	A	20020902	200639	B
			JP 20061484	A	20060106		

Priority Applications (no., kind, date): JP 2002256913 A 20020902; JP 20061484 A 20060106

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 2006107534	A	JA	12	10	Division of application	JP 2002256913

9/3/4 (Item 2 from file: 350) [Links](#)

Derwent WPIX

(c) 2007 The Thomson Corporation. All rights reserved.

0015207006 *Drawing available*

WPI Acc no: 2005-557029/200557

XRPX Acc No: N2005-456811

System for classifying image using grid models, has feature extractor that applies classifier grid model representing associated classifier, to input image for producing sub-images and extracting feature data related to sub-images

Patent Assignee: TRW AUTOMOTIVE US LLC (THOP)

Inventor: KHAIRALLAH F; LUO Y; WALLACE J K

Patent Family (2 patents, 37 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1562135	A2	20050810	EP 20052031	A	20050201	200557	B
US 20050175243	A1	20050811	US 2004772664	A	20040205	200557	E

Priority Applications (no., kind, date): US 2004772664 A 20040205

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 1562135	A2	EN	14	7		
Regional Designated States,Original	AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU					

9/3/5 (Item 3 from file: 350) [Links](#)

Derwent WPIX

(c) 2007 The Thomson Corporation. All rights reserved.

0011037184 *Drawing available*

WPI Acc no: 2001-663297/200176

Related WPI Acc No: 2004-516862

XRPX Acc No: N2001-494210

Biological sample image classification method using multineural network imaging system, involves selecting and modifying sample classification class based on multiple predetermined classification classes

Patent Assignee: ASHE M R (ASHE-I); CHUNG M (CHUN-I); INT REMOTE IMAGING SYSTEMS INC (ITRE-N); KASDAN H L (KASD-I)

Inventor: ASHE M R; CHUNG M; KASDAN H L

Patent Family (9 patents, 90 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2001082216	A1	20011101	WO 2001US13451	A	20010424	200176	B
AU 200157299	A	20011107	AU 200157299	A	20010424	200219	E
US 20020031255	A1	20020314	US 2000199237	P	20000424	200222	E
			US 2001841941	A	20010424		
CN 1383522	A	20021204	CN 2001801791	A	20010424	200322	E

EP 1301894	A1	20030416	EP 2001930796	A	20010424	200328	E
			WO 2001US13451	A	20010424		
JP 2004505233	W	20040219	JP 2001579226	A	20010424	200414	E
			WO 2001US13451	A	20010424		
US 6947586	B2	20050920	US 2000199237	P	20000424	200562	E
			US 2001841941	A	20010424		
AU 2001257299	A8	20051020	AU 2001257299	A	20010424	200615	E
CN 1214340	C	20050810	CN 2001801791	A	20010424	200647	E

Priority Applications (no., kind, date): US 2000199237 P 20000424; US 2001841941 A 20010424

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2001082216	A1	EN	62	9		
National Designated States,Original	AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200157299	A	EN			Based on OPI patent	WO 2001082216
US 20020031255	A1	EN			Related to Provisional	US 2000199237
EP 1301894	A1	EN			PCT Application	WO 2001US13451
					Based on OPI patent	WO 2001082216
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
JP 2004505233	W	JA	89		PCT Application	WO 2001US13451
					Based on OPI patent	WO 2001082216
US 6947586	B2	EN			Related to Provisional	US 2000199237
AU 2001257299	A8	EN			Based on OPI patent	WO 2001082216

12/3,K/1 (Item 1 from file: 347) [Links](#)

JAPIO

(c) 2007 JPO & JAPIO. All rights reserved.

05505634 **Image available**

CHARACTER RECOGNITION DEVICE

Pub. No.: 09-120434 [JP 9120434 A]

Published: May 06, 1997 (19970506)

Inventor: ONO KATSUICHI

KUBOTA HITOSHI

Applicant: SUZUKI MOTOR CORP [000208] (A Japanese Company or Corporation), JP (Japan)

Application No.: 07-299114 [JP 95299114]

Filed: October 24, 1995 (19951024)

International Class: G06K-009/66; G06F-015/18; G06K-009/20; G06K-009/62

ABSTRACT

...one by one. Further, the feature quantity extraction part 11 is provided with a recognition part 19 which selects a neural network 18 according to the feature quantity data extracted by the feature quantity extraction part 11...

12/3,K/2 (Item 2 from file: 347) [Links](#)

JAPIO

(c) 2007 JPO & JAPIO. All rights reserved.

04594498 **Image available**

ARITHMETIC UNIT USING NEURAL NETWORK

Pub. No.: 06-266398 [JP 6266398 A]
Published: September 22, 1994 (19940922)
Inventor: MURAO HIROYA

WATANABE TOSHIYUKI
TSURUFUJI SHINICHI

Applicant: SANYO ELECTRIC CO LTD [000188] (A Japanese Company or Corporation), JP (Japan)
Application No.: 05-055938 [JP 9355938]
Filed: March 16, 1993 (19930316)
Journal: Section: P, Section No. 1846, Vol. 18, No. 674, Pg. 158, December 19, 1994 (19941219)
International Class: G10L-009/10; G06F-015/18; **G06K-009/66**

ABSTRACT

...realized by the same program by performing arithmetic for an optional neural network by a **neural network arithmetic part** according to a **selection**.

12/3,K/3 (Item 3 from file: 347) [Links](#)
JAPIO

(c) 2007 JPO & JAPIO. All rights reserved.
04400476 **Image available**

IMAGE FEATURE EXTRACTING DEVICE, IMAGE RECOGNIZING METHOD AND IMAGE RECOGNIZING DEVICE

Pub. No.: 06-044376 [JP 6044376 A]
Published: February 18, 1994 (19940218)
Inventor: KURATOMI YASUNORI

OGAWA KUNI

Applicant: MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)
Application No.: 05-125730 [JP 93125730]
Filed: May 27, 1993 (19930527)
Journal: Section: P, Section No. 1743, Vol. 18, No. 278, Pg. 61, May 26, 1994 (19940526)
International Class: G06F-015/70; G06F-015/18; G06G-007/60; **G06K-009/66**

ABSTRACT

...CONSTITUTION: A bit image prepared by an input part 1 is processed by the **neural network** constituting a feature **extraction part 2** and a recognition part 3, and an image is recognized. First of all, the... ..a specified direction or a specified geometrical shape from the bit image by a first **neural network** constituting a shape **extraction part 4**. In a second neural network constituting a direction detection part 5, the direction and...

12/3,K/4 (Item 4 from file: 347) [Links](#)
JAPIO

(c) 2007 JPO & JAPIO. All rights reserved.
03501986 **Image available**

CHARACTER RECOGNIZING DEVICE

Pub. No.: 03-164886 [JP 3164886 A]
Published: July 16, 1991 (19910716)
Inventor: ONO MASAYA

HARUKI KAZUHITO
HATANO TOSHIKI

Applicant: TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)
Application No.: 01-305021 [JP 89305021]
Filed: November 22, 1989 (19891122)
Journal: Section: P, Section No. 1263, Vol. 15, No. 406, Pg. 164, October 16, 1991 (19911016)
International Class: **G06K-009/66**

ABSTRACT

...rate of a correct answer by executing learning so that the decided result of a **neural network** for low- order **group selection** can be outputted as the final character recognized result while including a character pattern candidate... ..highest probability is learnt and decided. Further, in a neural network 11 for high-order **group selection**, which **neural network** out of the neural networks 12-16 for low-order group selection includes the character.

12/3/5 (Item 1 from file: 350) [Links](#)

Derwent WPIX

(c) 2007 The Thomson Corporation. All rights reserved.

0013184971 *Drawing available*

WPI Acc no: 2003-268469/200326

XRPX Acc No: N2003-213305

Automated digital watermarking method e.g. for copyright protection for digital products, involves calculating discrete transform having several frequency bands

Patent Assignee: NAJARIAN K (NAJA-I); UNIV NORTH CAROLINA (UYNC-N)

Inventor: NAJARIAN K

Patent Family (5 patents, 99 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2003019464	A1	20030306	WO 2002US28217	A	20020828	200326	B
US 20030095683	A1	20030522	US 2001315223	P	20010828	200336	E
			US 2002134255	A	20020429		
AU 2002323602	A1	20030310	AU 2002323602	A	20020828	200452	E
US 7095872	B2	20060822	US 2001315223	P	20010828	200656	E
			US 2002134255	A	20020429		
US 20060239504	A1	20061026	US 2001315223	P	20010828	200671	E
			US 2002134255	A	20020429		
			US 2006474143	A	20060623		

Priority Applications (no., kind, date): US 2001315223 P 20010828; US 2002134255 A 20020429; US 2006474143 A 20060623

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2003019464	A1	EN	28	5		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW					
US 20030095683	A1	EN			Related to Provisional	US 2001315223
AU 2002323602	A1	EN			Based on OPI patent	WO 2003019464
US 7095872	B2	EN			Related to Provisional	US 2001315223
US 20060239504	A1	EN			Related to Provisional	US 2001315223
					Division of application	US 2002134255
					Division of patent	US 7095872

12/3/6 (Item 2 from file: 350) [Links](#)

Derwent WPIX

(c) 2007 The Thomson Corporation. All rights reserved.

0010814267 *Drawing available*

WPI Acc no: 2001-431030/

Method for extracting licence plate from car using neural network

Patent Assignee: KIM H J (KIMH-I); PARK S H (PARK-I)

Inventor: KIM H J; PARK S H

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2001002146	A	20010105	KR 199921792	A	19990611	200146	B

Priority Applications (no., kind, date): KR 199921792 A 19990611

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2001002146	A	KO	1	10	

12/3/7 (Item 3 from file: 350) [Links](#)

Derwent WPIX

(c) 2007 The Thomson Corporation. All rights reserved.

0008719906 *Drawing available*

WPI Acc no: 1998-260835/

XRPX Acc No: N1998-205663

Neural-net symbol verification for CD production - involves applying symbol group representations as inputs to group of verification neural-nets associated with symbols for processing

Patent Assignee: SONY CORP (SONY); SONY ELECTRONICS INC (SONY)

Inventor: OKI T

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5742702	A	19980421	US 1992955534	A	19921001	199823	B
			US 1996694810	A	19960809		

Priority Applications (no., kind, date): US 1992955534 A 19921001; US 1996694810 A 19960809

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 5742702	A	EN	18	10	Continuation of application US 1992955534

12/3/8 (Item 4 from file: 350) [Links](#)

Derwent WPIX

(c) 2007 The Thomson Corporation. All rights reserved.

0007227972 *Drawing available*

WPI Acc no: 1995-278354/

Handwriting character recognition device - calculates feature value of handwritten character with feature extractor and outputs it

Patent Assignee: CASIO COMPUTER CO LTD (CASK)

Inventor: MIFUJI K

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 7175893	A	19950714	JP 1993317927	A	19931217	199537	B

Priority Applications (no., kind, date): JP 1993317927 A 19931217

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 7175893	A	JA	5	8	

T 12/3/5-9

12/3/5 (Item 1 from file: 350) [Links](#)

Derwent WPIX

(c) 2007 The Thomson Corporation. All rights reserved.

0013184971 *Drawing available*

WPI Acc no: 2003-268469/200326

XRPX Acc No: N2003-213305

Automated digital watermarking method e.g. for copyright protection for digital products, involves calculating discrete transform having several frequency bands

Patent Assignee: NAJARIAN K (NAJA-I); UNIV NORTH CAROLINA (UYNC-N)

Inventor: NAJARIAN K

Patent Family (5 patents, 99 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2003019464	A1	20030306	WO 2002US28217	A	20020828	200326	B
US 20030095683	A1	20030522	US 2001315223	P	20010828	200336	E
			US 2002134255	A	20020429		
AU 2002323602	A1	20030310	AU 2002323602	A	20020828	200452	E
US 7095872	B2	20060822	US 2001315223	P	20010828	200656	E
			US 2002134255	A	20020429		
US 20060239504	A1	20061026	US 2001315223	P	20010828	200671	E
			US 2002134255	A	20020429		
			US 2006474143	A	20060623		

Priority Applications (no., kind, date): US 2001315223 P 20010828; US 2002134255 A 20020429; US 2006474143 A 20060623

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2003019464	A1	EN	28	5	
National Designated States, Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW				
Regional Designated States, Original	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW				
US 20030095683	A1	EN			Related to Provisional US 2001315223
AU 2002323602	A1	EN			Based on OPI patent WO 2003019464
US 7095872	B2	EN			Related to Provisional US 2001315223
US 20060239504	A1	EN			Related to Provisional US 2001315223
					Division of application US 2002134255
					Division of patent US 7095872

12/3/6 (Item 2 from file: 350) [Links](#)

Derwent WPIX

(c) 2007 The Thomson Corporation. All rights reserved.

0010814267 *Drawing available*

WPI Acc no: 2001-431030/

Method for extracting licence plate from car using neural network

Patent Assignee: KIM H J (KIMH-I); PARK S H (PARK-I)

Inventor: KIM H J; PARK S H

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2001002146	A	20010105	KR 199921792	A	19990611	200146	B

Priority Applications (no., kind, date): KR 199921792 A 19990611

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2001002146	A	KO	1	10	

12/3/7 (Item 3 from file: 350) [Links](#)

Derwent WPIX

(c) 2007 The Thomson Corporation. All rights reserved.

0008719906 *Drawing available*

WPI Acc no: 1998-260835/

XRPX Acc No: N1998-205663

Neural-net symbol verification for CD production - involves applying symbol group representations as inputs to group of verification neural-nets associated with symbols for processing

Patent Assignee: SONY CORP (SONY); SONY ELECTRONICS INC (SONY)

Inventor: OKI T

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5742702	A	19980421	US 1992955534	A	19921001	199823	B
			US 1996694810	A	19960809		

Priority Applications (no., kind, date): US 1992955534 A 19921001; US 1996694810 A 19960809

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 5742702	A	EN	18	10	Continuation of application US 1992955534

12/3/8 (Item 4 from file: 350) [Links](#)

Derwent WPIX

(c) 2007 The Thomson Corporation. All rights reserved.

0007227972 *Drawing available*

WPI Acc no: 1995-278354/

Handwriting character recognition device - calculates feature value of handwritten character with feature extractor and outputs it

Patent Assignee: CASIO COMPUTER CO LTD (CASK)

Inventor: MIFUJI K

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 7175893	A	19950714	JP 1993317927	A	19931217	199537	B

Priority Applications (no., kind, date): JP 1993317927 A 19931217

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 7175893	A	JA	5	8	

12/3/9 (Item 5 from file: 350) [Links](#)

Derwent WPIX

(c) 2007 The Thomson Corporation. All rights reserved.

0006679242 *Drawing available*

WPI Acc no: 1994-058589/199408

XRAM Acc no: C1994-026202

XRPX Acc No: N1994-046218

Agglutination reaction determ. by pattern classification - by photoelectrical detection to give image signal processed to judge pattern using neural network

Patent Assignee: OLYMPUS OPTICAL CO LTD (OLYU)

Inventor: KURISUTOFUAA M S; SKOLDBERG C M; YONEKAWA H

Patent Family (5 patents, 4 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 583626	A2	19940223	EP 1993111472	A	19930716	199408	B
US 5388164	A	19950207	US 1992932414	A	19920819	199512	E
EP 583626	A3	19940413	EP 1993111472	A	19930716	199522	E
JP 7306149	A	19951121	JP 1993193895	A	19930712	199604	E
JP 3328015	B2	20020924	JP 1993193895	A	19930712	200264	E

Priority Applications (no., kind, date): US 1992932414 A 19920819

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 583626	A2	EN	15	8	
Regional Designated States,Original DE FR GB					
US 5388164	A	EN	10	8	
EP 583626	A3	EN			
JP 7306149	A	JA	11	0	
JP 3328015	B2	JA	11		Previously issued patent JP 07306149

14/3,K/1 (Item 1 from file: 350) [Links](#)

Derwent WPIX

(c) 2007 The Thomson Corporation. All rights reserved.

0007699841 *Drawing available*

WPI Acc no: 1996-321987/199632

XRPX Acc No: N1996-270903

Analysis method for fluid sample particles esp. for biological samples e.g. blood or urine - using electronic imaging of sample with display of results in format which is convenient to user

Patent Assignee: INT REMOTE IMAGING SYSTEMS INC (ITRE-N)

Inventor: KASDAN H L

Patent Family (3 patents, 20 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1996020456	A1	19960704	WO 1995US16767	A	19951220	199632	B
AU 199647417	A	19960719	AU 199647417	A	19951220	199647	E
US 5822447	A	19981013	US 1994363394	A	19941223	199848	E
			US 1996632310	A	19960415		
			US 1997839580	A	19970415		

Priority Applications (no., kind, date): US 1994363394 A 19941223; US 1996632310 A 19960415; US 1997839580 A 19970415

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1996020456	A1	EN	28	5		
National Designated States,Original	AU CA JP					
Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
AU 199647417	A	EN			Based on OPI patent	WO 1996020456
US 5822447	A	EN			Continuation of application	US 1994363394
					Continuation of application	US 1996632310

Inventor: **KASDAN H L**

Original Publication Data by Authority

Inventor name & address:

KASDAN H L... Kasdan, Harvey Lee... **KASDAN, HARVEY, LEE, US** ...

Original Abstracts:

of visually discernible characteristics. For each classification, the percentage of the total number of particles **classified is determined**. The **images** of the **particles** are **extracted** from the electronic images. The images of the particles are displayed in an ordered array... visually discernible characteristics (42). For each classification, the percentage of the total number of particles **classified is determined**. The **images** of the **particles** are **extracted** from the electronic images. The images of the particles are displayed in an ordered array...